

## **INJECTION LASER**

### **Abstract of the Disclosure**

An injection laser comprises a laser heterostructure, at least one radiation inflow region adjoining the laser heterostructure, and reflectors that together form an optical resonator. The laser heterostructure comprises an active layer, cladding layers, and ohmic contacts. The radiation inflow region adjoining the laser heterostructure is transparent to the laser radiation and is located on at least one side of the active layer. The radiation inflow region additionally includes at least one optical facet, an outer surface, and an inner surface. Radiation generated in the active layer flows into the radiation inflow region and exits the laser.

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